Resource Summary Report

Generated by dkNET on Sep 11, 2026

BZ142

RRID:WB-STRAIN:WBStrain00004038
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004038

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00004038

Proper Citation: RRID:WB-STRAIN:WBStrain00004038

Description: Caenorhabditis elegans with name slo-1(eg142) V. from WB.

Species: Caenorhabditis elegans

Synonyms: slo-1(eg142) V.

Notes: Head-bending phenotype. Maintain under normal conditions. Reference: Kim, H et al. (2009) PLoS Genetics 5(12):31000780.|"Made_by: Hoky Kim"|"WBStrain mapped, WBPaper00060969 added based on AFP_Strain data."

Affected Gene: WBGene00004830(slo-1)

Genomic Alteration: WBGene00004830(slo-1)

Catalog Number: WB-STRAIN:WBStrain00004038

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:33524034

Alternate IDs: WB-STRAIN:BZ142, CGC_BZ142

Organism Name: BZ142

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260905T114610+0000

Ratings and Alerts

No rating or validation information has been found for BZ142.

No alerts have been found for BZ142.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Tee LF, et al. (2023) Electric shock causes a fleeing-like persistent behavioral response in the nematode Caenorhabditis elegans. Genetics, 225(2).

Pandey P, et al. (2021) Increased dopaminergic neurotransmission results in ethanol dependent sedative behaviors in Caenorhabditis elegans. PLoS genetics, 17(2), e1009346.

Alqadah A, et al. (2016) SLO BK Potassium Channels Couple Gap Junctions to Inhibition of Calcium Signaling in Olfactory Neuron Diversification. PLoS genetics, 12(1), e1005654.

Oh KH, et al. (2015) Presynaptic BK channel localization is dependent on the hierarchical organization of alpha-catulin and dystrobrevin and fine-tuned by CaV2 calcium channels. BMC neuroscience, 16, 26.